



Dewpoint Monitor

Engineering Specifications

Dew Point Range: see chart below

Sensor Output: 0V-5V

Alarm Indication: Audible Alarm, Red Alarm Light with push to test, and push to acknowledge

Alarm Output: 10 AMP @ 115 VAC Rated Normally closed Contact.

Alarm Horn: 95± dB(A), at 120 VAC, at 24 inches (61 cm), at 25°C

Alarm Set Point: see chart below

Dryer Control Signals: 10 AMP @ 115VAC Rated Normally Open Contact

Dimensions: 9.1" x 5.5" x 5"

Net Weight: 5 lbs.

Enclosure: UL Listed Polycarbonate NEMA-4X Electrical Box.

Power Requirements: 110-120VAC

Fuse: Type FNM 1.25-amp

Operating Pressure: 10-150 psig with a minimal flow rate

Operating Temperature: 32°F to 131°F

Features

- Patented auto calibration to ensure accuracy
- Polymer sensor technology for fast response times
- Sensor is immune to water, particulate contamination, oil vapor and most chemicals
- Visual and audible alarms for high dew point (includes dry contacts)
- Dew point purge control feature to control desiccant air dryers

Model	Dew Point Range	Enclosure	High Alarm	Contact Open for Purge rate fixed mode	Contact Closed for Purge Saver mode
PDPM1001JJ*	-60°F to +54°F	NEMA 4	+35°F	-10°F to +54°F	Below -15°F
PDPM1001AJ	-60°F to +54°F	NEMA 4	+35°F	-10°F to +54°F	Below -15°F
PDPM1001JL**	-60°F to +54°F	NEMA 4	+40°F	N/A	N/A
PDPM2001AJ	-148°F to +32°F	NEMA 4	Specified	N/A	N/A

*-JJ model comes with power cord. -AJ model does not.

** -JL model is commonly used with refrigerated dryers.